

May 14, 1982

MEMO TO FILE

RE: Soils Handling in Early Development Phase  
White River Shale Oil Corp.  
White River Shale Project  
ACT/047/017  
Uintah County, Utah

Mr. Don Wagent of Native Plants (environmental consultant to White River) and Mr. Tom Portle of the Division discussed proposed procedures regarding topsoil removal, protection and redistribution in a May 11, 1982 phone conversation. Mr. Wagent's proposals included:

1. 25 soil samples would be taken from the three pads to be affected (shaft, portal, and service building). Soil testing would include PH, EC, N, P, K and texture.
2. Utilizing data and on-site observations a soil stripping map would be prepared.
3. A qualified person would be present on-site to oversee the actual stripping operation.

Subsequently (on May 13, 1982) a conversation with Julie Lauren and Marty Fabrique of Ralph M. Parsons Company and Tom Portle of the Division put forward a slightly different approach. This is outlined as follows:

1. Soils mapping data from (VTN) surveys done in 1976 including chemical and particle size analysis would be combined with recent information generated by Woodward and Clyde consultants (water content and particle size analysis) and on-site soil depth observations to produce a stripping plan and depth map. This map would come at a later time but before any actual on-site work was conducted. (This map would be prepared by Woodward Clyde.)
2. All soils generated during site preparation on the above-mentioned sites would be stored in the current/proposed location about 800 feet southwest of the service building site.
3. An estimate of volume to be salvaged and stockpiled would be forthcoming based on the soils map. (Maximum storage depth in this stockpile would not exceed 15 feet.)
4. A choice of one of the methods of interim topsoil protection (protection and stabilization prior to the establishment of vegetation or alternative methods would be provided.

Also discussed:

Storage of topsoil generated in dam and impoundment site would be temporarily stored in that vicinity to be used on the outer embankment of the dam. Any excess would be hauled to the previously discussed topsoil storage site.

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Members of Parson's stated that the plan would be sent to the Division through Mr. Godlove within a week.

On May 13 I contacted Ralph DeLeonardis of (WRSOC) and requested the following additional information to facilitate preliminary approval:

1. An updated surface facilities map addressing recent facilities changes in the Phase I permit application.
2. A copy of a letter from the Shale Oil office approving an inclined portal resource access: in lieu of a shaft access. This group must approve all modifications of the Detailed Development Plan (DDP).

THOMAS L. PORTLE *TLP*  
RECLAMATION SOILS SPECIALIST

TLP:sc  
cc: Ralph DeLeonardis, WRSOC  
Jim Smith, OGM